

BLAKELY SOKOLOFF TAYLOR & ZAFMAN LLP

TELEPHONE: (503) 439-8778

INTELLECTUAL PROPERTY LAW
12400 WILSHIRE BOULEVARD, 7TH FLOOR
LOS ANGELES, CA 90025

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Deliver to: XIAO, Ke, USPTO Art Group: 2629
 Facsimile No.: (571) 273-8300 Date: December 18, 2006
 From: Paul A. Mendonsa, Reg. No. 42,879
 Our Docket No.: 42P17654 Number of pages _____ including this sheet.
 Application No.: 10/663,316 Filing Date: 9/15/2003
 Docket Due Date(s): 12/19/2006

Enclosed are the following documents:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Amendment: <u>After Final</u> (<u>25</u> pgs) | <input type="checkbox"/> Issue Fee Transmittal |
| <input type="checkbox"/> Appeal Brief (____ pgs) | <input type="checkbox"/> Notice of Appeal |
| <input type="checkbox"/> Application: _____
(____ pgs) w/cover & abstract) | <input type="checkbox"/> Petition for: _____ |
| <input type="checkbox"/> Assignment & Cover Sheet (____ pgs) | <input type="checkbox"/> Request for Continued Examination (RCE) |
| <input checked="" type="checkbox"/> Certificate of <u>Facsimile</u> | <input type="checkbox"/> Reply Brief (____ pgs) |
| <input type="checkbox"/> Continued Prosecution Application (CPA) | <input type="checkbox"/> Request & Certification Under 35 USC 122(b)(2)(B)(i) |
| <input type="checkbox"/> Declaration & POA (____ pgs) | <input type="checkbox"/> Request to Resend Previous Nonpublication Request |
| <input type="checkbox"/> Drawings: ____ sheets, ____ figures | <input type="checkbox"/> Response to Notice of Missing Parts & Formalities Letter |
| <input type="checkbox"/> Extension of Time: _____ | <input type="checkbox"/> Response to Written Opinion (____ pgs) |
| <input checked="" type="checkbox"/> Fee Transmittal (in duplicate) | <input type="checkbox"/> Terminal Disclaimer |
| <input type="checkbox"/> IDS & PTO/SB/08 (____ pgs) | <input type="checkbox"/> Transmittal of Publication Fee Due |
| <input type="checkbox"/> Other _____ | <input checked="" type="checkbox"/> Transmittal Letter |

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Paul A. Mendonsa

12/18/2006

Date

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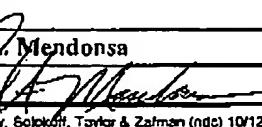
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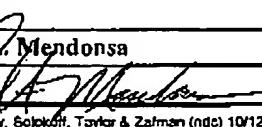
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TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>		Application No.	10/663.316
		Filing Date	September 15, 2003
		First Named Inventor	Paul S. Diefenbaugh
		Art Unit	2629
		Examiner Name	XIAO, Ke
Total Number of Pages in This Submission		Attorney Docket Number	42P17654

ENCLOSURES (check all that apply)			
<input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> PTO/SB/08 <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Basic Filing Fee <input type="checkbox"/> Declaration/POA <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) <input type="checkbox"/> Landscape Table on CD	
Remarks			
<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): <div style="border: 1px solid black; padding: 5px; width: fit-content;">Facsimile Cover Sheet</div>			

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Paul A. Mendonsa, Reg. No. 42,879 BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP
Signature	
Date	December 18, 2006

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Typed or printed name	Paul A. Mendonsa	Date	December 18, 2006
Signature		Date	December 18, 2006

Based on PTO/SB/21 (09-04) as modified by Blakely, Sokoloff, Taylor & Zafman (ndc) 10/12/2006.
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FEE TRANSMITTAL for FY 2006		Complete if Known	
		Application Number	10/663,316
		Filing Date	September 15, 2003
		First Named Inventor	Paul S. Dicfenbaugh
		Examiner Name	XIAO, Ke
		Art Unit	2629
		Attorney Docket No.	42P17654
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.			
TOTAL AMOUNT OF PAYMENT (\$)		0.00	

METHOD OF PAYMENT (check all that apply)

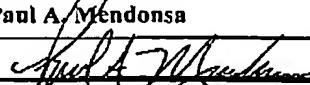
Check Credit card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee
 Charge any additional fee(s) or underpayment of fee(s) Credit any overpayments
under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

FEE CALCULATION

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet.	
2053	130	2053	130	Non-English specification	
1251	120	2251	60	Extension for reply within first month	
1252	450	2252	225	Extension for reply within second month	
1253	1,020	2253	510	Extension for reply within third month	
1254	1,590	2254	795	Extension for reply within fourth month	
1255	2,160	2255	1,080	Extension for reply within fifth month	
1401	500	2401	260	Notice of Appeal	
1402	500	2402	250	Filing a brief in support of an appeal	
1403	1,000	2403	500	Request for oral hearing	
1451	1,510	2451	1,510	Petition to institute a public use proceeding	
1460	130	2460	130	Petitions to the Commissioner	
1807	50	1807	60	Processing fee under 37 CFR 1.17(q)	
1808	180	1806	180	Submission of Information Disclosure Stmt	
1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify) No Fees					0.00
				SUBTOTAL (2)	(\$)
					0.00

Complete (if applicable)					
Name (Print/Type)	Paul A. Mendonsa	Registration No. (Attorney/Agent)	42,879	Telephone	(503) 439-8778
Signature				Date	12/18/06

Based on PTO/SB/17 (12-04) as modified by Blakely, Sokoloff, Taylor & Zafman (wir) 12/16/2004.
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FEE TRANSMITTAL for FY 2006 <small>Patent fees are subject to annual revision.</small>		<i>Complete if Known</i>	
		Application Number	10/663,316
		Filing Date	September 15, 2003
		First Named Inventor	Paul S. Diefenbaugh
		Examiner Name	XIAO, Ke
		Art Unit	2629
		Attorney Docket No.	42PT17654
TOTAL AMOUNT OF PAYMENT	(\$)	0.00	

METHOD OF PAYMENT (check all that apply)

Check Credit card Money Order None Other (please identify): _____
 Deposit Account Deposit Account Number: 02-2666 Deposit Account Name: Blakely, Sokoloff, Taylor & Zafman LLP

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 Charge any additional fee(s) or underpayment of fee(s) Credit any overpayments
 under 37 CFR §§ 1.16, 1.17, 1.18 and 1.20.

FEE CALCULATION

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
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1809	790	1809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
Other fee (specify) No Fees					0.00
SUBTOTAL (2)		(\$)		0.00	

SUBMITTED BY		Complete (if applicable)		
Name (Print/Type)	Signature	Registration No. (Attorney/Agent)	Telephone	Date
Paul A. Mendonca		42,879	(503) 439-8778	12/18/06

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/663,316
Applicant : DIEFENBAUGH ET AL.
Filed : September 15, 2003
TC/A.U. : 2629
Examiner : Ke Xiao

Docket No. : 42P17654
Customer No. : 042390

Confirmation No. 1317

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John M. Carlson Facsimile Number
Signature Date

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT

In response to the Final Office Action mailed October 17, 2006, please enter this
amendment and consider the following remarks.

Amendments to Claims begin on page 2 of this paper.

Remarks begin on page 16 of this paper.

Best Available Copy